GeoSIS
Geographic Security Information System

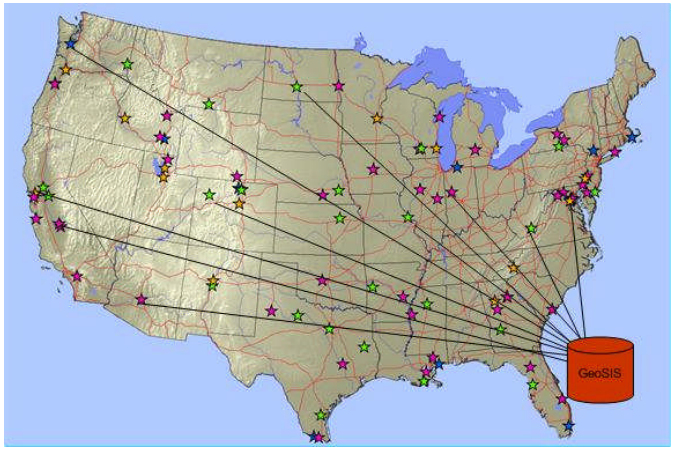
- **Objective**
  - Objective: To provide a view of facility and security assessment data at the national, state, capitol region and facility level
- **Features**
  - Stores assessment physical site data for USDA facilities (threats and vulnerabilities)
  - Provides geographical data layers to display facility geographical data (facility locations across the U.S.)
  - Provides analytical tools that may recommend countermeasures to address physical security vulnerabilities
  - Provides facility site information to aid in analysis and decision support (facility mission, personnel, and assets.)

GeoSIS Overview

Potential or actual threats:

- Supports management decision making in the event of a natural disaster, etc. For example, facility locations in the path of a hurricane, could be identified along with associated critical infrastructure such as highways, bridges, waterways, and security assessment information about the number of personnel and points of contact for that facility.
- Automates security assessment reports for quick access in the event of an emergency.

GeoSIS Overview



GeoSIS uses COTS GIS, database, and reporting applications to combine and display facility assessment data and geographical data to allow the user to analyze physical security vulnerabilities at mission critical facilities across the country.

- **GIS Information**
  - Critical Infrastructure, Ports of Entry
  - Weather
  - Demographics and Crime
  - Waterways and Highways
  - Facility Aerial Imagery
- **Facility Assessment Information**
  - Assets
  - Threats
  - Vulnerabilities
  - Counter-measures
  - Key Points of Contact

GeoSIS Features

Technology
GIS Imagery
Web-based
Single client
SQL Server
Crystal Reports

Functionality
Reporting of security assessment data
View geographic data and locations of critical facilities
Combines geographic and security assessment data for analysis
Captures high level data and specific facility assessment report data

Data
Personnel (Number of Employees and Points of Contact)
Equipment Inventories (high level)
Locations (addresses)
GIS Data Layers
Security Assessment Reports